

# THE Auger



June, 2001

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The Newsletter of the Minnesota Association of Professional Soil Scientists

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## President's Message

by James Arndt

Greetings to all on this wet, soggy spring and early summer. Terry Bovee, Norm Kuhlmann, Doug Miller and Dennis Fuchs have put together what looks like an excellent program for the Summer Tour. We all hope that the rain tapers off and that the weather will be excellent on July 27<sup>th</sup>. This year's tour will be especially memorable because of the incorporation of the ASWCD summer tour with ours. New ideas, new perspectives, and a few unfamiliar faces should add to the day's activities. Please review the summer tour information in this newsletter for additional information.

I have been thinking recently

about all of the national activity regarding soil science certification and licensure, and how licensure impacts professional practice. According to ARCPACS staff, New Hampshire and Texas are considering licensure, and will be incorporating the Council of Soil Science Examiners (CSSE) examination into their programs. At my last count, states with some form of soil science licensure requirement include Minnesota, Wisconsin, North Carolina, Maine, North Dakota, and soon Texas and New Hampshire. More will follow. While not a requirement for practice in state with or without licensure, ARCPACS

*(Continued on page 2)*

## 2001 Summer Tour

by Dennis Fuchs and Terry Bovee

The 2001 Summer Tour will be on Friday, July 27 and will be centered around the City of St. Peter in the Minnesota River watershed. Terry Bovee, Norm Kuhlman and Doug Miller have planned the summer tour with many interesting stops and speakers.

This year we are trying something different and are coordinat-

ing the MAPSS Summer Tour with the Minnesota Chapter of the Soil and Water Conservation Society (SWCS). This will give both organizations an opportunity to discover each other and may increase membership in both organizations!

Registration will be from 8:15 to 9:00 AM at the St. Peter City park pavilion and we will depart for the

*(Continued on page 3)*

**The Auger** is made up of volunteered articles from the MAPSS membership. If you would like to contribute, please contact me at the following:  
**David Kelley**  
 432 JRC  
 Univ. of St. Thomas  
 2115 Summit Ave.  
 St. Paul, MN 55105

*(President's Message, continued from page 1)*

also has Professional Soil Science Certification (CPSS) that many of us maintain.

The end result is that the practice of soil science can be a confusing, potentially litigious activity, especially for those private practitioners who work regionally and nationally. These individuals must know what constitutes the practice of soil science in states requiring licensure. They must also know something about the laws governing practice; for example what is exempt activity and what is covered. In addition, several licensure programs require continuing education (Minnesota does), and several do not (Wisconsin doesn't). Some states use exams that predate the CSSE exam and require a field test in addition to a written test (e.g. North Dakota). I understand that New Hampshire is considering a field test in addition to the CSSE test. Another issue is reciprocity; an understanding between states with dissimilar requirements to accept each other's license by agreement, and comity, whereby states with similar requirements accept each other's licenses. Few states have formal agreements regarding reciprocity and comity. I can foresee a future where individual states coordinate their programs to minimize confusion and facilitate practice by qualified, licensed out-of-state practitioners. However, at this time there is no formal "clearinghouse" for this information.

The following information is useful for practitioners needing information on out-of-state practice, and also as general information. While it is not a clearinghouse, it is a start.

The web page for the Council for Soil Science Examiners can be found at URL <http://www.soils.org/csse/>. The web site contains information on performance objectives for professional practice and has an excellent downloadable study guide that covers important areas of professional practice.

A listing of all Associations of Professional Soil Scientists can be found at URL [http://www.statlab.iastate.edu/soils/nssc/personnel/soc\\_pss.htm](http://www.statlab.iastate.edu/soils/nssc/personnel/soc_pss.htm). Those Associations with known web pages are indicated as links. This list is an important contact resource for practitioners considering work in states in which they are not licensed.

It's easy to procrastinate on reporting CEUs on certificates and licenses for which continuing education is a requirement. ARCPACS has recently devel-

oped a web page to record CEUs required to maintain certification as a CPSS.

The ARCPACS URL is [http://www.agronomy.org/certification/arcpacs\\_ceu\\_reporting\\_form.html](http://www.agronomy.org/certification/arcpacs_ceu_reporting_form.html). They've made reporting CEUs about as painless as it can be. However, remember to keep documentation in case of audits.

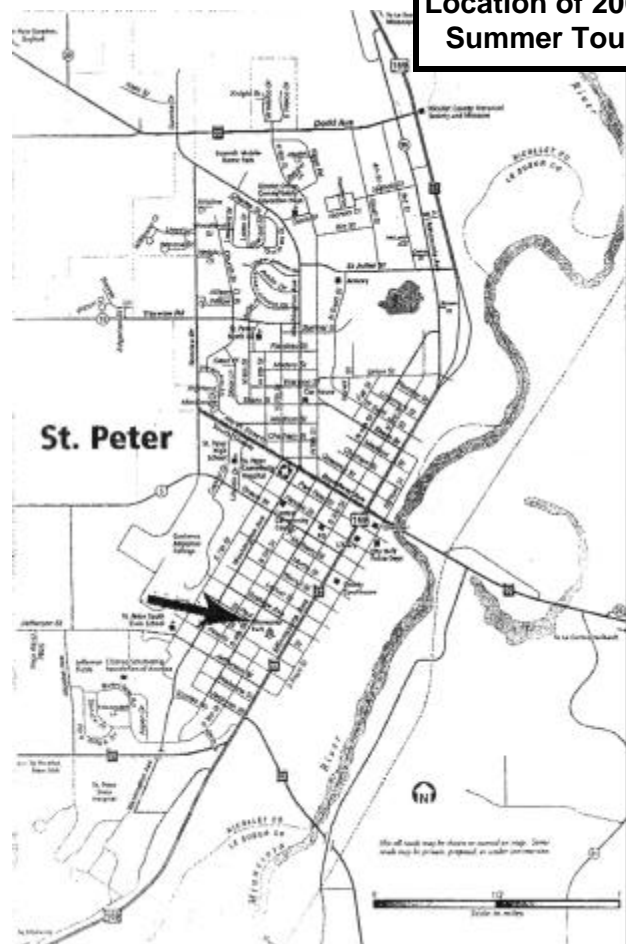
Minnesota URLs that are important for soil scientists include:

the Board of Licensure < <http://www.aelslagid.state.mn.us/>>, and MAPSS itself <<http://www.soils.agri.umn.edu/infoserv/orgs/mapss/>>.

I hope this information is helpful to those who need it. I am looking forward to seeing everyone at the Summer Tour. The planned business meeting will be lively. Some interesting topics of discussion will be the role of MAPSS in supporting the ISTS training program, and the development of a scholarship program in memoriam of several soil scientists that have recently passed away.

*Jim Arndt, MAPSS President.*

**Location of 2001 Summer Tour**



*(Summer Tour, continued from page 1)*

tour after registration. The first tour stop will be at the Ottawa Bluffs Preserve where we will have a wonderful overview of the Minnesota Valley. We will discuss Minnesota river valley geology, calcareous fen formation and staff from the Nature Conservancy will be on hand to discuss the restoration efforts at Ottawa Bluffs. In addition, a Conservation Reserve Enhancement Program (CREP) expert will be talking about the goals and objectives of the program.

The next stop will be the Red Top Farm demonstration site where the Minnesota Department of Agriculture (MDA) and the University of Minnesota are evaluating a pilot nutrient management program and tile study within a wellhead protection area. We will have the opportunity to discuss the MDA Nitrogen Management Program.

The next stop will be at the Nicollet Conservation Club for lunch. At this site we will hear from the DNR about a aggregate inventory completed for Nicollet county. The MDH will present an interesting study on well log analysis. We will also hear about the Swan Lake restoration. There will be discussion and hands on opportunities to observe and experience the transition from forest to prairie soils in this area.

The final tour stop will be at a kaolin clay mine where we will check out the clay resources and hopefully a few fossils.

We will return to St. Peter about 4:30 PM for one of the favorite parts of the Summer Tour -- Social hour! Dinner will follow at 5:30 PM with the MAPSS Business meeting occurring afterwards.

Please make plans to attend the Summer 2001 MAPSS/SWCS Tour. Please bring the appropriate clothing for whatever type of weather that may be raining or shining on us! Oh yeah, better bring bug stuff too! Fill out the accompanying registration form in this newsletter and send it in now! See you there.

**Motels and Campgrounds in the St. Peter – Mankato Area**

**Motels - St. Peter**

- AmericInn (507) 931-6554 1-800-634-3444
- Viking Jr. Motel (507) 931-3081 1-800-221-6406

**Motels - Mankato**

- AmericInn (507) 345-8011 1-800-634-3444
- Comfort Inn (507) 388-5107
- Fairfield Inn (507)386-1220
- Super 8 (507) 387-4041 1-800-800-8000

**State Campgrounds**

- Minneopa State Park (5 miles west of Mankato) (507) 389-5464
- Sakata Lake State Park , Waterville (about 17 miles east of Mankato) (507) 362-4438

**Clip Here**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Make checks payable to **MAPSS**  
Mail registration to:  
Pat Burford, 84 Oak St., Mahtomedi, MN 55115

~ **New members, first meeting is free** ~

*This tour will qualify for approximately 4 Professional Development Hours for MN licensing. Member cost is \$10 per PDH, paid separately on day of tour.*

**REGISTRATION FEES**

|  |                |                          |
|--|----------------|--------------------------|
| <b>MAPSS Member<br/>(if registered by 7/26/01)</b> | <b>\$30.00</b> | <input type="checkbox"/> |
| <b>NON-member</b>                                  | <b>\$40.00</b> | <input type="checkbox"/> |
| <b>Register at door</b>                            | <b>\$45.00</b> | <input type="checkbox"/> |
| <b>Guest evening meal</b>                          | <b>\$10.00</b> | <input type="checkbox"/> |



## IN MEMORIAM

**Richard O. Paulson**

### Joseph Cummins

Joseph Cummins, of 1057 Linn Avenue, Owatonna, Minnesota, died Friday, March 2, 2001 at the Veterans Administration Medical Center in St. Cloud, Minnesota. He was 86 years young. His funeral was March 5, 2001 at the Sacred Heart Catholic Church in Owatonna.

Joseph Francis Cummins was born on the family farm near Adams, Minnesota on December 2, 1914, the son of William E. and Sabina (Conniff) Cummins.

Joe attended parochial and public schools in Adams, graduating from high school in 1932. Because of the Depression, he put off attending college for a time. He graduated from the University of Minnesota in 1939 with a degree in Soil Science. He began his career as a soil scientist with the U.S. Department of Agriculture, Soil Conservation Service.

Following the attack on Pearl Harbor in 1942, he joined the U.S. Navy and attended Notre Dame Midshipman School. He served as Lieutenant LST Commander in the Pacific and received the Bronze Star.

Joe returned to civilian life in 1946 and the Soil Conservation Service (SCS). He spent his career documenting and investigating soils in southern Minnesota, retiring in December 1976. Following his retirement he worked on a major soils map project for the University of Minnesota.

On April 14, 1950, he married Edna Horak at Sacred Heart Catholic Church, Owatonna. They celebrated 50 years of marriage in year 2000. The couple lived in Owatonna their entire married life.

Joe was a charter member of the Minnesota Association of Professional Soil Classifiers (MAPSC), the precursor to MAPSS.

Joe was also a member of Sacred Heart Catholic Church, Alpha Gamma Rho fraternity, the VFW, and the Golden K Kiwanis.

He enjoyed reading, tracing his Irish genealogy, Gopher football, classical music and writing about his expertise of soils.

Joe is survived by his wife Edna; two sons, William J. Cummins of Burnsville and James P. and Kathy Cummins of St. Cloud, Minnesota; two daughters, Sabrina Anne Peterson of Owatonna, and Mary Alice (and Michael) Collins of West Salem, Wisconsin; three grandchildren, five stepgrandchildren and one step great – grandchild.

He was preceded in death by two brothers.

Burial was at the Sacred Heart Cemetery in Owatonna.

Richard O. Paulson, 62, of rural St. Peter died Tuesday March 13, 2001 at his residence.

Dick was born April 23, 1938 to Orian and Aagot (Saterbak) Paulson in Montevideo, Minnesota. He graduated from Milan High School in Milan, Minnesota in 1956. He married Dorothy Brown of rural Appleton, Minnesota on May 22, 1959 at Big Bend Lutheran Church.

He attended the University of Minnesota and received his degree in soil Science in 1960.

Dick started his career with the USDA-Soil Conservation Service in Benson, Minnesota in 1959. He then worked in southwest Minnesota, stationed in Marshall from 1960 to 1965. After Marshall, he transferred to northeast Minnesota, stationed in Barnum until 1970. His work in that region of the state was instrumental in recognizing and interpreting soils where little work was previously done.

Dick then became the survey leader for the Blue Earth County soil survey in 1970. After completion of that survey, Richard became the Area Soil Scientist for south central Minnesota, stationed in St. Peter.

In 1989 Dick relocated to St. Paul and became the State Correlator. He was responsible for the quality of soil survey mapping in the state while in that position.

Dick retired from the Natural Resources Conservation Service (formerly the Soil Conservation Service) in 1994, after more than 35 years of federal service. Because of his career work in soil science, the understanding, use and management of the states soil has been greatly enhanced. He has received numerous awards and recognition in his career from the NRCS.

Dick was also a charter member of Minnesota Association of Professional Soil Classifiers (MAPSC), precursor to MAPSS and has volunteered many hours of service to organization since 1974. In 1981 he served as MAPSS President. In 1994 he received the Soil Scientist of the Year award from MAPSS. In 2000 he also received a Distinguished Service award for his lifetime work. Also, he was active in the Kiwanis, Trinity Lutheran Church, Arts Center of St. Peter, Nicollet County Historical Society, and Soil and Water Conservation Society. He was a member of the Maple Syrup Producers, National Association of Retired Federal Employees (NARFE), and Minnesota National Guard. He enjoyed photography and genealogy.

Dick is survived by his wife Dorothy of rural St. Peter; one son, Jon and wife Linda of rural St. Peter; two daughters, Alicia Paulson of Davis, California and Jennifer and her husband James Loder of Bermuda; his mother Argot Paulson of Granite Falls, Minnesota; a brother Curtis and wife Cathy Paulson of Cedar Rapids, Iowa; four sisters, Sharon and husband Rod Steenson of Apple Valley, Minnesota, Brenda and husband Mike Arnold of Chanhassen, Minnesota, Carol and husband John Norduane of Granite Falls, Minnesota, and Hjordis and husband Duane Sommerfeld of Porterville, California and numerous nieces and nephews.

A son, Mark, his father, Orian, and sister La Vonne McElroy, preceded him in death.

Services were Friday, March 16, 2001 at Trinity Lutheran Church in St. Peter, Minnesota. Burial was in Resurrection Cemetery in St. Peter, Minnesota.

### John R. Borchert

John R. Borchert, Regents' Professor of Geography, University of Minnesota, died March 30, 2001. John was -among his many attributes- a supporter of the Cooperative Soil Survey program. As developer of the Minnesota Land Management Information System (MLMIS) he saw the soil survey maps and data as an integral component. Using 40 acre parcel "cells" he, and his students, developed various state land use maps that incorporated soil, land cover, and other geographic data which have been widely used by state and county planners.

As a geographer and climatologist John offered, from his own graduate studies, an explanation for the occurrence of the "Prairie Province" (essentially the Midwest Corn Belt) which we have accepted in soil genesis study for several decades.

The John R. Borchert Map Library in the Wilson library is the University's tribute to his scientific study and teaching career.



## Wetland Delineator Certification Memorial

*Kelly Bopray*

This may be the last of the newsletter updates on the proposed Wetland Delineator Certification Program. MAPSS became involved with this issue several years ago when the Board of Water and Soil Resources (BWSR) began pushing for legislation that would give a blanket exemption for the practice of wetland delineation from the soil science licensure requirements. MAPSS was successful at stopping this effort on the first go around and helped craft compromise legislation that would create a wetland delineator certification program in lieu of the licensure requirement.

A broad outline of the proposed certification program along with a funding request was presented to the legislature during the 2001 session. Because of the politics of the budget process in 2000/2001, BWSR could not actively advocate for new funding of new programs. Early in the process the proposed certification program and its funding request got separated in legislation. The program sailed through the various legislative committee hearings with hardly any discussion. The funding request also received very little public discussion but appeared unlikely to see the light of day at the committee meeting. MAPSS President Jim Arndt, and Wetland Delineators Assoc. President Mark Kjolhaug testified on the organizations support for and the need for the certification program. Bit in the end, the legislators thought it was a good idea, just not good enough to actually fund. The legislation could be reintroduced in future sessions, but realistically there is no mandate to do so and no advocate with enough clout to get it passed.

**Minnesota Association of  
Professional Soil Scientists  
(MAPSS)  
ANNUAL BUSINESS MEETING  
December 1, 2000  
Meeting Minutes**

Subject to Approval

The current membership consists of a wide cross-section of individuals who are directly and indirectly involved with ISTS in Minnesota.

To date, the Advisory Committee has held two lengthy, but productive, meetings. Discussion of topics have included:

- Recent changes to Chapter 7080 (Minnesota Rule for septic systems)
- Educational outreach programs for homeowners and realtors
- MPCA-ISTS enforcement activities and procedures
- Training requirements for ISTS Professionals
- Developing standardized septic system compliance inspection procedures
- Federal underground injection control rules (Class V injection wells), and
- Studies of failing drainfields constructed with gravel-less pipe

**Call to Order**

The meeting was called to order at 3:10 p.m. by President Kelly Bopray

Executive Committee members present: Gary Einsner, Past President; Kelly Bopray, President; Jim Arndt, President-elect; Pat Burford, Treasurer; Norm Mofjeld, Secretary.

Executive Committee Members absent: None

**Approval of Field Tour Business Meeting Minutes:**

The meeting minutes from the Field Tour Business Meeting of August 4, 2000, were published in the most recent newsletter. Information on the MPCA-ISTS Advisory Committee update was presented at the business meeting but was not included in the minutes. That information is as follows:

As with all large committees, various subcommittees have been formed. MAPSS, through the Committee representative, has provided input to the 319 Report and the Need to Know Subcommittees.

ISTS Committee report:

Just what are these subcommittees? Glad you asked! The MPCA is required to prepare the 319 Report for the Environmental Protection Agency (EPA) every five years. The ISTS portion of the final report includes progress made in Minnesota since 1994; goals for the ISTS program for the next five years; and, identification of areas where Federal funding is needed to reach those goals. While progress had been made in the past five years, the report estimates 60% of ISTS across the state are failing. The upgrade requirements for, and unfortunately sometimes the interpretation of, the "failing" classification and an "imminent public health threat" classification vary across the state.

**MPCA-ISTS ADVISORY COMMITTEE UPDATE  
AUGUST 2000**

Submitted by Mary West, MAPSS Representative, PSS, MPCA Designer I

The Need to Know Subcommittee will be addressing the need for consistent, accurate ISTS information, outreach to homeowners, ISTS professional training, and general ISTS educational issues.

The ISTS (Individual Sewage Treatment Systems, a.k.a., septic systems) Advisory Committee was created to review and advise the Minnesota Pollution Control Agency (MPCA) on:

1. Revisions of standards and legislation relating to ISTS
2. Technical data relating to ISTS
3. Technical manuals and programs for ISTS
4. Administration of standards and ordinances pertaining to ISTS at the state and local level
5. Other ISTS activities considered appropriate by the committee

If you're interested in learning more about ISTS and how/why MAPSS members should be involved, con-

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*(Winter Meeting minutes, continued from page 7)*

tact your MAPSS ISTS Subcommittee – It's a dirty job and we get to do it!

Michael Rutten was added to the ISTS Subcommittee.

**A motion was made and approved by the membership to approve the meeting minutes** (motion made by Charles Saari, seconded by Tom Fait).

### **Treasurer's Report:**

Pat gave the report. Total income from January 1, 2000 to November 28, 2000 was \$14,816.35. Sources of income included dues, field tour and annual meeting registrations, the Hydric Soils Workshop, and individual contributions for a lobbyist. Total expenses for the same period were \$16,012.12. Expenses included payments to the firm providing lobbyist services, Executive Assistant, mailings and newsletters, and software for the Treasurer. Payments to the firm providing lobbyist services have been \$12,500.00 as of November 28, 2000. The balance as of November 28, 2000, was \$12,075.20. **The Treasurer's Report was approved by all membership present** (motion by Tom Fait, seconded by Dan Comeau).

### **Committee Reports:**

**Education Committee:** Tom Jackson spoke on behalf of Peter Hartman, chair of the committee, who could not make the meeting. Tom said Peter had been contacted by the Science Museum of Minnesota and they are still raising money to build an ecology center, which will cost \$250,000. The building will be 940 square feet with 700 square feet for lab and classroom. They would like to develop some hands-on exhibits inside the building and some outdoor exhibits. Doug Miller indicated that he has been in contact with the Prairie Woods Environmental Learning Center near Willmar, Minnesota. The center provides environmental education for grades K-12 from April through October. He will check to see if they are interested in having a soil trail similar to what was developed for Wilder Forrest. Norm Mofjeld said that he had been contacted by Anna Barker regarding MANNERS (Minorities in Agriculture, Natural Resources and Related Sciences), a professional organization at the University

of Minnesota. The organization is interested in placing students in internships with public and private organizations. The contact is Mario Lee, a financial and admissions counselor at the College of Agriculture, Food and Environmental Sciences. His phone number is (612) 625-9253. Norm will have the information provided in an upcoming newsletter and posted on the MAPSS web site. Anita Barker had also indicated to Norm that the Warner Nature Center, which is run by the Science Museum of Minnesota, is interested in constructing a soil kiosk on their property, which borders Wilder Forrest. Anna said that she would handle the fundraising but would want technical help from MAPSS.

**ISTS Committee:** Tom Fait said the committee needs to develop a strategy and is looking for input from the membership. The committee will then develop a strategy and submit it to the Executive Committee for review. Gary Elsner indicated that a standard operating procedure should be developed for each committee. A suggestion was made that MAPSS be involved in auditing ISTS practices. Jim Balough indicated that Minnesota Rules 7080 supercede the licensing statute and it would be better for MAPSS to provide an educational role.

**Professional Practice Committee:** Jim Arndt, chair of the committee, said that the committee is also looking for input as to the charge of the committee. A survey will be done on the MAPSS web site.

### **OLD BUSINESS**

**Wetland Delineator Certification Status:** Kelly handed out a draft of "A Plan for the Certification of Wetland Delineators in Minnesota", dated December 1, 2000. Senate File 83 (Chapter 382, Minnesota Laws of 2000) required the Board of Water and Soil Resources in consultation with MAPSS, the University of Minnesota and the Wetland Delineators Association to submit a plan for a professional delineator certification program to the legislature by January 15, 2001. Under the proposed plan, there would be a three year voluntary phase (Phase 1) followed by a mandatory phase (Phase 2). Funding would be needed to support the program and none of the parties to this report can support this program with existing resources. Kelly asked for comments.

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(Winter Meeting minutes, continued from page 8)

Certification will require course work in soils. **A motion was made and approved by the membership to support the draft plan for the Wetland Delineator Certification Program** (motion by Tom Neuenfeldt, seconded by Gary Elsner).

**Lobbyist Funding in 2000:** Kelly reported that \$7,382.50 has been received to date from pledges out of \$10,000 that were pledged in 2000. The MAPSS general fund has contributed \$5,000 for a total of \$12,382.50. The lobbyist has billed MAPSS \$12,500 with \$2,500 remaining to be billed for this year. The lobbyist was effective in 2000 for providing MAPSS with access to legislators and involvement in the development of the proposed Wetland Delineator Certification Program.

**NEW BUSINESS**

**Lobbyist Funding for 2001, Legislative Affairs Committee:** Kelly reported that the Legislative Affairs Committee recommended that funding for the lobbyist in 2001 be made through charging for CEUs and for holding separate workshops. The cost for a lobbyist in 2001 would be \$15,000. The following income has been received to support a lobbyist: Summer Tour 2000 CEUs \$590.00, Hydric Soils Workshop (net) \$959.00, Winter Meeting 2000 CEUs as of November 27, 2000 \$700.00, for a total of \$2,249.90. There has been no direct solicitation of members for contributions for 2001. The chances of getting our two main contributors to pledge a large amount for 2001 is nil. CEUs and the workshop brought in a good deal of money but not enough to make the \$5,000 match sustainable. Issues requiring lobbyist involvement next year are to support funding to implement the Wetland Delineator Certification Program and to oppose a bill to place a tax on professional services, which is being proposed by the Governor. After considerable discussion, it was determined that there was not sufficient money in the general fund to support the funding for a lobbyist in 2001. **A motion was made and approved by the membership to try to raise \$15,000 to support funding for a lobbyist in 2002** (motion by Jim Balough, seconded by Terry Bovee). If \$15,000 is not raised, a lobbyist will not be hired in 2002.

**Executive Assistant Needed:** David Kelly has resigned from the Executive Assistant position. Any-

one interested in applying for the position should contact one of the members of the Executive Committee.

**Soil Scientist of the Year and Lifetime Achievement Awards:** No nominations for Soil Scientist of the year were received so the award was not given this year. The MAPSS Lifetime Achievement Award was given to Dick Paulson in St. Peter on August 18, 2000.

**Election Results:** President-elect: Charles Saari, Secretary: Dan Comeau.

Kelly passed the gavel to incoming President Jim Arndt.

The meeting adjourned at 5:20 p.m.

Minutes submitted by Norm Mofjeld, Secretary.



| <i>Place your ad in <b>The Auger</b> ...</i> |                    |                  |
|--|--------------------|------------------|
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|  | Additional words   | \$0.20/word      |
| Positions                                    | First 40 words     | \$5.00           |
|  | Additional words   | \$0.10/word      |
| Ad Copy                                      | Photo Ready format | \$15/column inch |
| Business Card                                | Standard Size      | \$25.00          |

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**MAPSS Newsletter (David Kelley)**  
432 JRC Univ. of St. Thomas  
2115 Summit Ave.  
St. Paul, MN 55105  
651-962-5569

**RETURN SERVICE REQUESTED**

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**MAPSS Officers and Committees**

**2001 Officers**

President: James Arndt  
President Elect: Charlie Saari  
Past President: Kelly Bopray  
Secretary: Daniel Comeau  
Treasurer: Pat Burford

*Education Committee:*

Thomas Jackson-chair, Kim Steffan, Becky Sovde, Howard Hobbs, Jorja Dufresne

*Membership Committee:*

Dennis Fuchs-chair, Al Giencke, Greg Larson

*ISTS Committee:*

Tom Fait-chair, Mary West, Terry Bovee, Norm Kuhlman, Mike Rutten

*Professional Practice Committee:*

Jim Arndt-chair, Phil Nesse, Sabrina Cook

**MAPSS Permanent Address:**

MAPSS, 439 Borlaug Hall, 1991 Upper Buford Circle  
St. Paul, MN 55108

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